

Name: _____

Worksheet – Perfect Square Trinomials – Version 2

Directions: Please fully factor the following expressions.

1. $x^2 + 18x + 81$

2. $y^2 - 10y + 25$

3. $25x^2 + 10x + 1$

4. $36x^2 + 84x + 49$

5. $x^2 + 6xk + 9k^2$

6. $x^8 + 20x^4 + 100$

7. $x^2y^8 - 12xy^4 + 36$

8. $4x^2 + 24x + 36$

9. $9a^2 + 18ab + 9b^2$

10. $x^2 - 24x + 144$